

**United States Environmental Protection Agency
Region V
POLLUTION REPORT**

EPA Region 5 Records Ctr.



337083

Date: Thursday, July 30, 2009
From: Jon Gulch, On-Scene Coordinator

To: David Chung, U.S. EPA Linda Nachowicz, U.S. EPA Beverly Kush, U.S. EPA James Morris, U.S. EPA Jeff Kelley, U.S. EPA William Messenger, U.S. EPA John Maritote, U.S. EPA Steve Ostrodka, U.S. EPA Scott Shane, Ohio EPA	Jason El-Zein, U.S. EPA Mark Durno, U.S. EPA Michael Chezik, DOI Debbie Keating, U.S. EPA Afif Marouf, U.S. EPA Mary Jane Adamo, U.S. EPA Mick Hans, U.S. EPA Kevin Clouse, Ohio EPA Timothy Murphy, City of Toledo
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Subject: Final POLREP
Norwood Industries
1678 Norwood Ave., Toledo, OH
Latitude: 41.6553
Longitude: -83.5833

POLREP No.: 7	Site #: B5PA
Reporting Period: March 4-June 15, 2009	D.O. #: 18
Start Date: 10/16/2008	Response Authority: CERCLA
Mob Date: 10/16/2008	Response Type: Time-Critical
Completion Date: 6/15/2009	NPL Status: Non NPL
CERCLIS ID #: OHN000510295	Incident Category: Removal Action
RCRIS ID #:	Contract # EPS60702

Site Description

See POLREP#1 for a full Site Description.

Current Activities

From March 4-April 17, 2009, EPA completed the process of searching through general debris in the basement to identify the absence/presence of hazardous materials. ERRS personnel collected, staged and sampled 5-gallon pails that were spread throughout the basement of the warehouse. Approximately 190 pails were sampled and hazard categorized (HazCat) and the results were entered into a database. Additionally, small containers collected throughout the site went through a HazCat process and were then placed into appropriate waste streams for disposal. Transportation & disposal (T & D) coordinators concentrated on developing waste profiles. Disposal of paracril (synthetic nitrile) for solidification began, along with paint solids, acid pails, flammable liquids and solids were

also sent off-site for disposal.

From April 17-June 8, 2009, the Site was shut-down due to funding issues.

From June 8-15, 2009, EPA completed final disposal, performed required building decontamination, and performed a Site walk-through with the City of Toledo-Division of Environmental Services.

All wastes on-site were sampled, field categorized (via HazCat procedures), sorted, and disposed at RCRA approved facilities. The following materials were removed from the Site during the Removal Action: 350 tons of contaminated construction/general debris; 120 cubic yards of RCRA empty containers; 120 cubic yards and 20 tons of non-hazardous inert solids; 278 cubic yards of non-hazardous liquid waste; 80 yards of solids, dyes and floor sweepings; 23,700 gallons and 26,300 pounds of waste flammable liquids; 1,755 gallons and 4,800 pounds of non-DOT and non-RCRA regulated materials; 5,920 pounds of corrosive liquids; 20 cubic yards of paracril and floor sludge sweepings; 3,600 pounds of liquid hazardous waste; 20 cubic yards of roofing tar containing asbestos (non-friable); 60 pounds of ammonia solutions; 55 pounds of flammable aerosols; 20 pounds of elemental mercury; 80 pounds of solid toxic waste (lead/mercury debris); 80 pounds of hydrofluoric acid (includes 55 gallon drum weight utilized as secondary container); and 20 pounds of ethylene oxide (See Disposition of Waste Summary for complete details).

Planned Removal Actions

None/Removal Complete

Next Steps

None/Removal Complete

Key Issues

Toledo Environmental Services performed a Site Walkthrough on June 15, 2009 and will notify the Toledo Building Inspector and Toledo Fire Department about the status of the building.

Key to the building were turned back to the owner (Mr. Osswald).

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$973,000.00	\$963,359.00	\$9,641.00	0.99%
RST/START	\$100,000.00	\$95,000.00	\$5,000.00	5.00%
Intramural Costs				

USEPA - Direct (Region, HQ)	\$10,000.00	\$10,000.00	\$0.00	0.00%
Total Site Costs	\$1,083,000.00	\$1,068,359.00	\$14,641.00	1.35%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Construction/Demolition Debris	Total Estimated Weight - 350 Tons	Twenty Five Bills of Laden 10-22- 08 thru 2-26-09	Vienna Junction 6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	0167917	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	0167913	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	0167916	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	0170006	Vienna Junction 6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	0167915	Vienna Junction 6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	0167914	Vienna Junction

			6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	0170007	Vienna Junction 6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	008287	Vienna Junction 6233 Hagman Road, Erie, MI 48133
RCRA Empty Containers	20 Yards	008288	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	18 Yards	003989850 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989854 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989852 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989874 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids & Dyes	20 Cubic Yards	0170011	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989875 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	5305 Gallons	005293788 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214

Non-Hazardous Liquid Waste 029L	20 Yards	003989869 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	5100 Gallons	005056466 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Non-Hazardous Liquid Waste 029L	20 Yards	003989867 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989870 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989840 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	3750 Gallons	005056467 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Waste Flammable Liquids (Methyl Ethyl Ketone, Hydrochloric Acid) D001, D002, D007, D008, D022, D029	250 Gallons	005056467 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	Estimated 3000 Gallons	005056468 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Non-Hazardous Liquid Waste 029L	20 Yards	003989942 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	003989946 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	Estimated 3050 Gallons	005295865 JJK	Petro-Chem Processing Group 421 Lycaste

			Detroit, MI 48214
Non-DOT, Non-RCRA Regulated Material 029L	Estimated 1755 Gallons	005295865 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Non-Hazardous Liquid Waste 029L	20 Yards	003989945 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	000391078 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	Estimated 3245 Gallons	005295866 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Waste Corrosive Liquid (Hydrochloric, Sulphuric) D002	220 Gallons	005295866 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Non-Hazardous Liquid Waste	20 Yards	000391078 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Paracril & Floor Sludge Sweepings	20 Yards	015048	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	00170009	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Liquid Waste 029L	20 Yards	000391078 JJK	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	Estimated 2200 Pounds	005294740 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Hazardous Waste, Liquid (1,2-	Estimated	005294740 JJK	Petro-Chem

Dichloroethane) D028	3300 Pounds		Processing Group 421 Lycaste Detroit, MI 48214
Waste Corrosive Liquid (Hydrochloric, Sulphuric) D002	Estimated 2200 Pounds	005294740 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Waste Corrosive Liquid, Basic, Organic (Sodium Hydroxide) D002	Estimated 1000 Pounds	005294740 JJK	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Inert Solids & Dyes	20 Yards	015041	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids, Dyes & Floor Sweepings	20 Yards	0170010	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids, Dyes & Floor Sweepings	20 Yards	015042	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Roofing Tar Containing Asbestos (non-friable)	20 Yards	015136	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	015038	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Non-Hazardous Inert Solids	20 Yards	015037	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	18000 Pounds	005294848	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Ammonia Solutions (Ammonia)	60 Pounds	005294848	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214

Waste Corrosive Liquids (Acids) D002	400 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Aerosols, Flammable D001	55 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Mercury (Elemental Mercury) D009	20 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Toxic Solid, Inorganic (Lead, Mercury Debris) D008, D009	80 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Flammable Liquids, Corrosive (1,1-Dichloroethylene, Chloroform) D001, D002, D022, D029	100 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Flammable Liquids, Toxic (Chromium, 1,2-Dichloroethane) D001, D019, D022, D028, D035	2000 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Hazardous Waste, Liquid (1,2-Dichloroethane)	300 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Hydrofluoric Acid D002	80 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Non-DOT, Non RCRA Regulated Material 029L	1200 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Flammable Liquids (Methyl Ethyl Ketone, Xylene) D001, D007, D008, D022, D029, D035	4000 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste Detroit, MI 48214
Waste Corrosive Liquid, Acidic, Inorganic (Sulfuric, Hydrochloric Acid) D002	2100 Pounds	005294848	Petro-Chem Processing Group 421 Lyncaste

			Detroit, MI 48214
Non-DOT, Non-RCRA Regulated Material 029L	3600 Pounds	005294928	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Waste Ethylene Oxide D001	20 Pounds	005294928	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48214
Inert Solids/Non regulated	10 Tons	061509A	Vienna Junction 6233 Hagman Road, Erie, MI 48133
Inert Solids	10 Tons	061509B	Vienna Junction 6233 Hagman Road, Erie, MI 48133

www.cpaosc.net/Norwood